

DERWENT-ACC-NO: 2002-409716
DERWENT-WEEK: 200244
COPYRIGHT 1999 DERWENT INFORMATION LTD

TITLE: Amorphous porous powder used as desiccant, absorbent of gas chromatography apparatus, contains silica and preset amount of compounds containing zirconium and element(s) of alkaline earth metal

PATENT-ASSIGNEE: KYOCERA CORP [KYOC]

PRIORITY-DATA: 2000JP-0230911 (July 31, 2000)

PATENT-FAMILY:

PUB-NO	LANGUAGE	PAGES	PUB-DATE	MAIN-IPC	APPL-NO
JP 2002047007		006	February 12, 2002	C01B 033/157	N/A
A					

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
JP2002047007A	APPL-DATE	
2000JP-0230911	N/A	
	July 31, 2000	

INT-CL (IPC): C01B033/157

ABSTRACTED-PUB-NO: JP2002047007A

BASIC-ABSTRACT: NOVELTY - The amorphous porous powder contains silica as main component and 0.5 weight% or more compounds (A) containing element(s) of alkaline earth metal and zirconium.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also

included for manufacture of porous powder which involves adding 0.5 wt.% or more of compounds (A) to silica gel with mean particle diameter of 0.1-20 μ m and heat processing at 800-1100 deg. C.

USE - As desiccant, absorbent of gas chromatography apparatus, catalyst support and filtering material.

ADVANTAGE - The porous material is amorphous and is thermally stable.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS:

AMORPHOUS POROUS POWDER DESICCATE ABSORB GAS CHROMATOGRAPHY APPARATUS CONTAIN SILICA PRESET AMOUNT COMPOUND CONTAIN ZIRCONIUM ELEMENT ALKALINE EARTH METAL

DERWENT-CLASS: E36

CPI-CODES: E11-R01A; E31-P01; E31-P05A;

CHEMICAL-CODES:

Chemical Indexing M3 *01*
Fragmentation Code
B114 B702 B720 B831 C108 C800 C802 C803 C804
C805
C807 M411 M720 M904 M905 N173 N515 Q423 Q605
R036
Specfic Compounds
01694K 01694P
Registry Numbers
1694P 1694U

Chemical Indexing M3 *02*

Fragmentation Code
A204 A212 A220 A238 A256 A540 A940 B114 B701

B712

B720 B831 C108 C802 C803 C804 C805 C807 M411
M720

M904 M905 N104 N515 Q423 Q605 R036
Markush Compounds
200062-68601-K 200062-68601-P

UNLINKED-DERWENT-REGISTRY-NUMBERS: 1694P; 1694U

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C2002-115694